

**Abstract**

The invention relates to a modular system comprising an electrical base unit (1) with a plurality of slots each for receiving a pluggable electrical unit (2), each pluggable electrical unit (2) being connected to the base unit (1) by means of a multi-pin plug-in connection comprising a plug-in contact device (23) and a mating plug-in contact device (13) and the base unit (1) being provided with signal processing means (12). For this purpose, it is proposed to divide the plug-in contacts of the multi-pin plug-in connection (13, 23) into at least two groups (31, 32), a first group (31) of plug-in contacts being intended for the connection of permanently configured lines for the identification of the pluggable electrical unit (2) and a second group (32) of plug-in contacts being intended for the connection of freely configurable lines for the communication of the pluggable electrical unit (2) with the base unit (1), the direction of signal transmission and the logical signal assignment of these lines being predetermined slot-specifically in accordance with the identity of the pluggable electrical unit (2) and able to be set as prescribed by the signal processing means (12) of the base unit (1).